Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Dasharahalli Division

Name of Work :- Community Property Maintenance School Building in ward No 13 Shettyhalli Sub Division

EMB

Sl.No	Description of work	Mesurement				Qty	Unit
		Nos	L	B	D		
1	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications						
	RCC Retaining wall at Mallasandra School	1	30.00	0.30	0.60	5.40	
	RCC Retaining wall at Mallasandra School	1	16.20	0.30	0.60	2.92	
	RCC Retaining wall at Mallasandra School	1	15.00	0.30	0.60	2.70	
	column	12	0.30	0.23	1.20	0.99	
	column	5	0.30	0.23	1.80	0.62	
						12.63	Cum
			Qty Limited to			12.42	Cum

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2	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications						
	RCC Retaining wall at Mallasandra School	2	30.00		0.60	36.00	
	RCC Retaining wall at Mallasandra School	2	16.20		0.60	19.44	
	RCC Retaining wall at Mallasandra School	2	15.00		0.60	18.00	
	column	12	1.06		1.20	15.26	
	column	5	1.06		1.80	9.54	
						98.244	Sft
			Qty Limited to			95.06	Sft

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3	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification						
	Retaining wall 20mm @0.15c/c (2.46Kg/mt)	2	390	0.60		1151.28	
	Destribution 10mm @0.15c/c (0.62kg/mt)	2	4	30.00		213.60	
	Column 6/12mm (0.89kg/mt)	12	6	1.20		53.57	
	Column 6/12mm (0.89kg/mt)	5	6	1.2		22.32	
	Column Stirups 8mm @0.2C/C (0.39kg/mt)	102		1.1		43.76	
						1,484.53	kg
						1.48	Ton

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4	Providing and finishing external two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour,-do-with primer, complete as per specifications. Page No-102 Item No-15.53.1 (PWD SR 2018-19)						
	Anganvadi Wall at maheswaramma temple School	1	3.75	3.90		14.63	
		2	4.00	3.90		31.20	
		2	3.75	1.00		7.50	
		2	4.10	1.00		8.20	
	Office Wall	2	9.60	3.90		74.88	
		1	5.60	3.40		19.04	
		2	9.60	1.00		19.20	
		1	5.60	1.00		5.60	
	Compound	2	30.00	1.80		108.00	
	Compound	1	30.00	2.70		81.00	
	Compound	1	5.00	1.80		9.00	
	School L/Wall	2	30.00	7.50		450.00	
		2	27.00	7.50		405.00	
	Chajja top	37	1.10	0.60		24.42	
	Chajja bottom	37	1.10	0.60		24.42	
	School S/Wall	2	30.00	7.50		450.00	
		2	7.80	7.50		117.00	
	Deduction					1849.09	
	Door	-21	0.90	1.80		-34.02	
	window	-40	0.90	1.20		-43.20	
	Grill	-11	2.40	1.20		-31.68	
	Grill	-8	2.80	0.90		-20.16	
	window	-20	0.90	1.20		-21.60	
						-150.66	
						1698.43	Sft
					Qty limited to	1639.51	Sft

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Continued..

5	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour,-do-with primer, complete as per specifications.						
	Gr Fl Class Room1 Ceiling	1	4.51	4.93		22.23	
	wall	2	4.51	3.00		27.06	
	wall	2	4.93	3.00		29.58	
	Gr Fl Class Room2 Ceiling	1	4.63	4.93		22.83	
	wall	2	4.63	3.00		27.78	
	wall	2	4.93	3.00		29.58	
	Gr Fl Class Room3 Ceiling	1	4.48	4.93		22.09	
	wall	2	4.48	3.00		26.88	
	wall	2	4.93	3.00		29.58	
	Gr Fl Class Room4 Ceiling	1	4.60	4.93		22.68	
	wall	2	4.60	3.00		27.60	
	wall	2	4.93	3.00		29.58	
	Gr Fl Class Room5 Ceiling	1	4.48	5.51		24.68	
	wall	2	4.48	3.00		26.88	
	wall	2	5.51	3.00		33.06	
	Gr Fl Class Room6 Ceiling	1	4.81	5.51		26.50	
	wall	2	4.81	3.00		28.86	
	wall	2	5.51	3.00		33.06	
	Gr Fl Class Room7 Ceiling	1	5.82	5.51		32.07	
	wall	2	5.82	3.00		34.92	
	wall	2	5.51	3.00		33.06	
	Gr Fl Class Room8 Ceiling	2	6.03	5.51		66.45	
	wall	2x2	6.03	3.00		72.36	
	wall	2x2	5.51	3.00		66.12	
	Gr Fl Class Room9 Ceiling	1	5.94	5.51		32.73	
	wall	2	5.94	3.00		35.64	
	wall	2	5.51	3.00		33.06	
	Gr Fl Class Room10 Ceiling	1	5.94	5.51		32.73	
	wall	2	5.94	3.00		35.64	
	wall	2	5.51	3.00		33.06	
	Gr Fl Class Room11 Ceiling	1	12.01	4.78		57.41	
	wall	2	12.01	3.00		72.06	
	wall	2	4.78	3.00		28.68	
	Gr Fl Class Room12 Ceiling	1	6.98	4.78		33.36	
	wall	2	6.98	3.00		41.88	
	wall	2	4.78	3.00		28.68	
	Gr Fl Class Room13 Ceiling	1	4.48	4.78		21.41	
	wall	2	4.48	3.00		26.88	
	wall	2	4.78	3.00		28.68	
	Gr Fl Class Room14 Ceiling	1	4.81	4.78		22.99	
	wall	2	4.81	3.00		28.86	
	wall	2	4.78	3.00		28.68	
	Gr Fl Class Room15 Ceiling	1	5.82	4.78		27.82	
	wall	2	5.82	3.00		34.92	
	wall	2	4.78	3.00		28.68	
	Gr Fl Class Room16 Ceiling	1	5.82	4.78		27.82	

wall	2	5.82	3.00		34.92	
wall	2	4.78	3.00		28.68	
Gr Fl Class Room17 Ceiling	1	12.22	4.78		58.41	
wall	2	12.22	3.00		73.32	
wall	2	4.78	3.00		28.68	
Gr Fl Class Room18 Ceiling	1	8.96	5.15		46.14	
wall	2	8.96	3.00		53.76	
wall	2	5.15	3.00		30.90	
Gr Fl Class Room19 Ceiling	1	3.65	3.07		11.21	
wall	2	3.65	3.00		21.90	
wall	2	3.07	3.00		18.42	
Passage Gr Fl Ceiling	1	30.00	1.80		54.00	
	1	26.54	1.80		47.77	
wall	2	30.00	3.00		180.00	
	2	26.54	3.00		159.24	
wall	2	1.80	3.00		10.80	
	1	30.00	3.00		90.00	
	1	26.00	3.00		78.00	
Passage First Fl Ceiling	1	30.00	1.80		54.00	
	1	26.54	1.80		47.77	
wall	2	30.00	3.00		180.00	
	2	26.54	3.00		159.24	
wall	2	30.00	3.00		180.00	
	2	26.64	3.00		159.84	
					3344.17	
Deduction						
Door	-21	0.90	2.00		-37.80	
window	-60	0.90	1.20		-64.80	
Grill	-11	2.40	1.20		-31.68	
					-134.28	
					3209.89	Sft
				Limited to	**3194.89**	Sft

07/04/25

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ

Continued..

6	Extra over Item No. KSRB 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.						
Door		1.2	42	0.90	2.00	90.72	
		1.2	42	0.90	2.00	90.72	
Window		1.2	2	0.90	1.20	2.59	
		1.2	2	0.90	1.20	2.59	
Grill		2	11	2.40	1.20	63.36	
		2	8	2.80	0.90	40.32	
Gate		2	6	1.50	2.10	37.80	
Terrace Grill		4	1	30.00	1.20	144.00	
		4	1	27.00	1.20	129.60	
		4	1	7.80	1.20	37.44	
		20	1	9.00	0.30	54.00	
		18	1	30.00	0.25	135.00	

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		18	1	27.00	0.25	121.50	
	window	1.2	120	1.10	2.10	332.64	
						1282.28	Sft
			Qty Limited to			**1107.26**	Sft.

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7	Providing and laying flooring using prepolished, gang saw/water cut19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. -do- using silver grey granite I Multy Red I Ruby Red I Black I HassanGreen I River Pink Granite of width not less than 1200mm						
	Gr floor passage	1	19.35	1.70		32.90	
	Skirting	2	19.35		0.10	3.87	
	Skirting	1	1.70		0.10	0.17	
	Gr floor passage	1	2.00	1.70		3.40	
		1	0.45	2.00		0.90	
	Skirting	2	9.70		0.10	1.94	
	Skirting	1	1.70		0.10	0.17	
	Gr floor passage	1	22.00	1.65		36.30	
	Skirting	2	22.00		0.10	4.40	
	Skirting	1	1.65		0.10	0.17	
						84.21	Sft
			Qty Limited to			**83.33**	Sft

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8	Providing and fixing Special make glazed Vitrified tiles finish of approved make, quality and colour of size 600x600x10mmthick fixed on existing flooring with a special adhesive for flooring, skirtingand jointed with neat cement slurry mixed with pigment to match shade oftiles, including providing spacers at required interval and removing stainsetc., cost of materials, mortar, labour etc., complete as per specification.						
	19mm Granite						
	Gr Fl Class Room1	1	4.51	4.93		22.23	
	Gr Fl Class Room2	1	4.63	4.93		22.83	
	Gr Fl Class Room3	1	4.48	4.93		22.09	
	Gr Fl Class Room4	1	4.60	4.93		22.68	
	Gr Fl Class Room5	1	4.48	5.51		24.68	
	Gr Fl Class Room6	1	4.81	5.51		26.50	
	Gr Fl Class Room7	1	5.82	5.51		32.07	
	Gr Fl Class Room8	2	6.03	5.51		66.45	
	Gr Fl Class Room9	1	5.94	5.51		32.73	
	Gr Fl Class Room10	1	5.94	5.51		32.73	
	Passage Fl	1	30.00	1.80		54.00	

E.E. (D.D) 14/04/2021

Passage Fl	1	26.54	1.80		47.77		
Passage Fl	1	1.80	1.00		1.80		
Dinning	1	6.30	6.00		37.80		
Gr Fl Class Room1 Skirting	2	4.51	0.10		0.90		
Skirting	2	4.93	0.10		0.99		
Gr Fl Class Room2	2	4.63	0.10		0.93		
Skirting	2	4.93	0.10		0.99		
Gr Fl Class Room3	2	4.48	0.10		0.90		
Skirting	2	4.93	0.10		0.99		
Gr Fl Class Room4	2	4.60	0.10		0.92		
Skirting	2	4.93	0.10		0.99		
Gr Fl Class Room5	2	4.48	0.10		0.90		
Skirting	2	5.51	0.10		1.10		
Gr Fl Class Room6	2	4.81	0.10		0.96		
Skirting	2	5.51	0.10		1.10		
Gr Fl Class Room7	2	5.82	0.10		1.16		
Skirting	2	5.51	0.10		1.10		
Gr Fl Class Room8	4	6.03	0.10		2.41		
Skirting	4	5.51	0.10		2.20		
Gr Fl Class Room9	2	5.94	0.10		1.19		
Skirting	2	5.51	0.10		1.10		
Gr Fl Class Room10	2	5.94	0.10		1.19		
Skirting	2	5.51	0.10		1.10		
Passage Fl	2	56.54	0.10		11.31		
	2	1.80	0.10		0.36		
					503.38	Sft	
			Qty Limited to		480.63	Sft	

E.E. (D.D.)

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Continued..

9	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid with a bed of CM 1:3,20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide including cost of all materials, mortar, labour, curing etc., complete as per specification						
	Step tread	19	0.95	0.30		5.42	
	Step riser	21	0.95	0.15		2.99	
	Landing	2	2.00	1.60		6.40	
	Step Passage	1	2.00	1.80		3.60	
	Step Passage	1	9.70	1.70		16.49	
						34.90	Sft
				Qty Limited to		27.15	Sft

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Continued..

	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification						
	passage	1	19.35			19.35	
	passage	2	19.35			38.70	
						58.05	RFT

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CERTIFICATE

Certified that the contractor has work done satisfactorily.
Certified that the contractor has removed the debries from work site.
Certified that there is no departmental issues made by Contractor .

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